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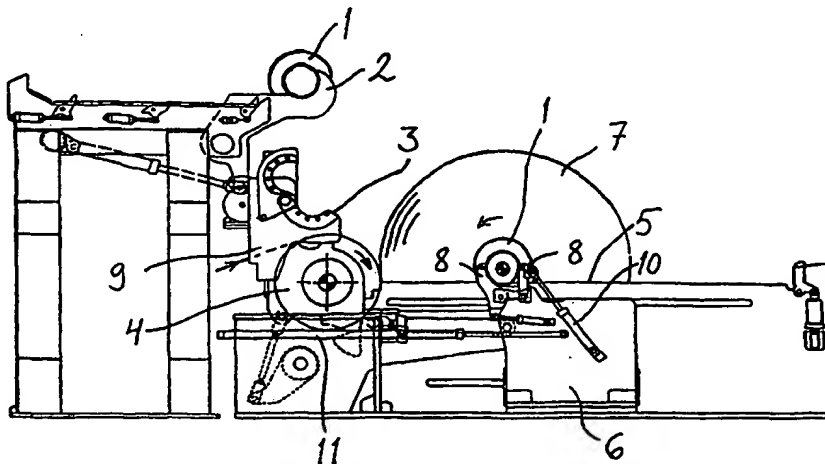
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(21) International Application Number: PCT/FI00/00019 (22) International Filing Date: 12 January 2000 (12.01.00) (30) Priority Data: 990044 12 January 1999 (12.01.99) FI (71) Applicant (for all designated States except US): VALMET CORPORATION [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI). (72) Inventors; and (75) Inventors/Applicants (for US only): HEINONEN, Mikko [FI/FI]; Salmelantie 80, FIN-04660 Numminen (FI). RÄTY, Jarkko [FI/FI]; Invantie 18 B 23, FIN-04400 Järvenpää (FI). (74) Agent: TAMPEREEN PATENTTITOIMISTO OY; Hermi- ankatu 6, FIN-33720 Tampere (FI).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <i>In English translation (filed in Finnish).</i>

(54) Title: METHOD FOR CHANGING LINEAR LOAD ON A REEL-UP



(57) Abstract

In the method for changing linear load on a reel-up which comprises an initial reeling device (9), a reeling shaft (1), a surface drive apparatus or the like, and a loading device (8) for the reeling process taking place after initial reeling, the reeling begins as a so-called initial reeling in the initial reeling device (9) from which the reeling shaft (1) and the initial portion of the reel formed thereon is transferred to the loading device by means of which the stages following the formation of the initial portion of the reel are conducted, in such a manner that the part (8) of the loading device which transmits load to the reeling shaft (1) is brought in contact with the reeling shaft (1). The force devices of the initial reeling device (9) and the loading device are primarily utilized to effect the linear load in the nip between the reel formed around the reeling shaft (1) and the surface drive apparatus or the like, the linear load being adjusted during the reeling by means of force devices in such a manner that the desired linear load is attained as a function of given factors. The contact of the part (8) that transmits load to the reeling shaft takes place when the loading device is substantially in a state devoid of loading force.